Re: BASF - Cranston, RI

Frank Battaglia to: Wozniakowski, Scott 10/29/2010 02:57 PM
Cc: "Austin, David", Joseph Guarnaccia, "McCarthy, Ryan"
Bcc: Frank Battaglia

Hi Scott,

I completed my review of the attached Pawtuxet River Sediment sampling workplan. The workplan accurately reflects all the tasks discussed in our conference call on September 17, 2010 and I **approve** the plan. Please let me know your field schedule so that I may observe the sediment coring and sampling process. I will need about 7-10 days notice.

Thank you for your efforts and I look forward to the meeting you at the site.

Frank Battaglia
617 918-1362

"Wozniakowski, Scott" Hi Frank, 10/21/2010 01:01:20 PM

From:	"Wozniakowski, Scott" <scott.wozniakowski@aecom.com>
To:	Frank Battaglia/R1/USEPA/US@EPA
Cc:	Joseph Guarnaccia <joseph.guarnaccia@basf.com>, "Austin, David" <david.austin@aecom.com>, "McCarthy, Ryan" <Ryan.McCarthy@aecom.com>
Date:	10/21/2010 01:01 PM
Subject:	BASF - Cranston, RI

Hi Frank,

On behalf of BASF, AECOM has prepared the following workplan to conduct a sediment sampling program in the Pawtuxet River. This plan is based on our phone call from September 17, 2010. AECOM would like to schedule the sampling for the first half of November. Please let us know that you've received the workplan and also when you'll be able to review the workplan. Thank you for your help.

Regards,
Scott

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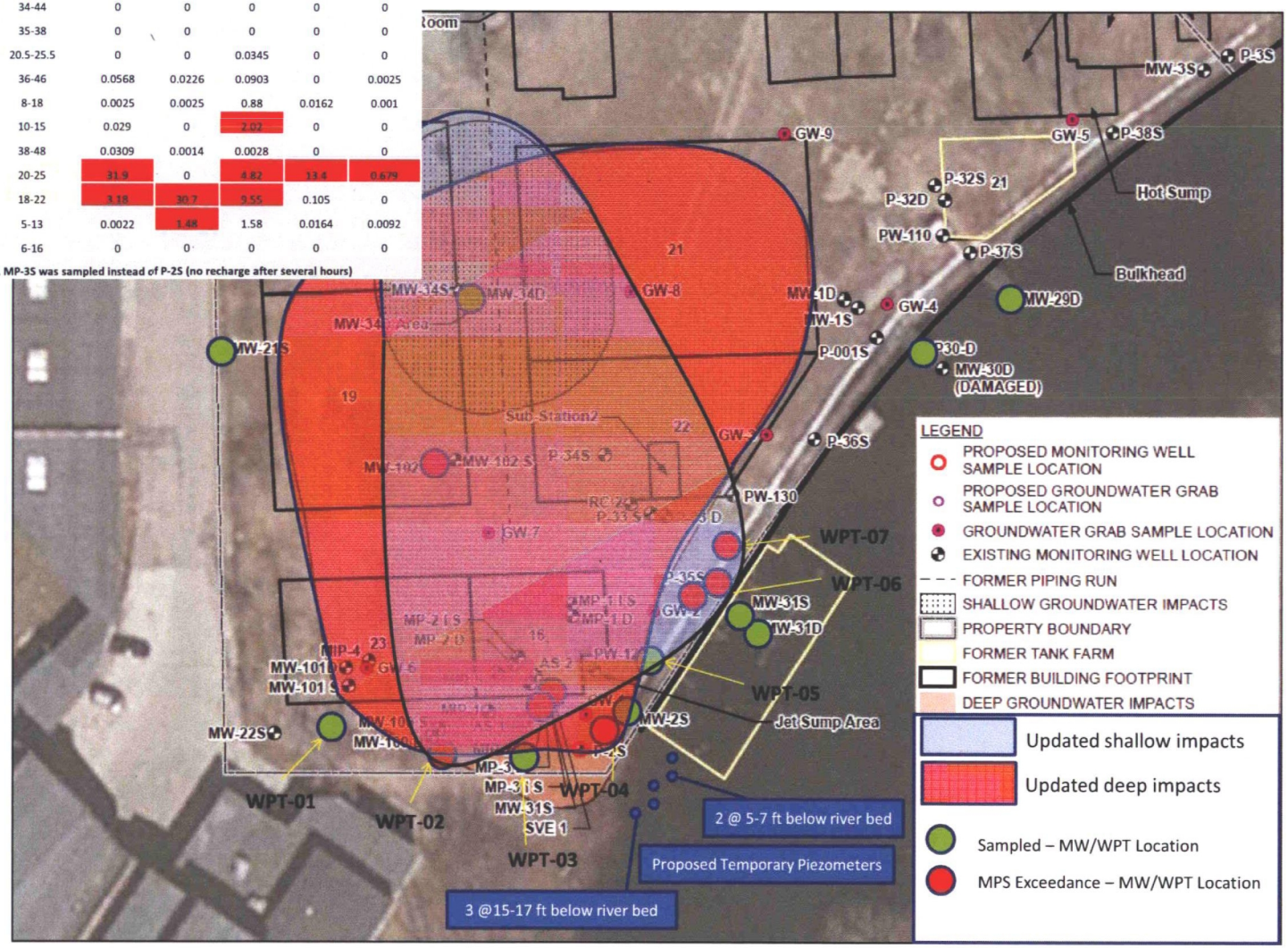
Sediment sampling workplan (final).pdf

Wells MPS (mg/l)	Screen Interval (ft bgs)	2-ct 1.5	1,2-dcb 0.094	cb 1.7	tol 1.7	xyl 0.07
MW-29D	34-44	0	0	0	0	0
P-30D	35-38	0	0	0	0	0
MW-31S	20.5-25.5	0	0	0.0345	0	0
MW-31D	36-46	0.0568	0.0226	0.0903	0	0.0025
MW-2S	8-18	0.0025	0.0025	0.88	0.0162	0.001
P-35S	10-15	0.029	0	2.02	0	0
MW-34D	38-48	0.0309	0.0014	0.0028	0	0
MW-102D	20-25	31.9	0	4.82	13.4	0.679
MP-3I	18-22	3.18	30.7	9.55	0.105	0
MP-3S	5-13	0.0022	1.48	1.58	0.0164	0.0092
MW-21S	6-16	0	0	0	0	0

Notes: 0 is ND, MP-3S was sampled instead of P-2S (no recharge after several hours)

Figure 1: Results – Preliminary Plan View MW VOCs Update

BASF Mill Street Site



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SEMS DocID 643690

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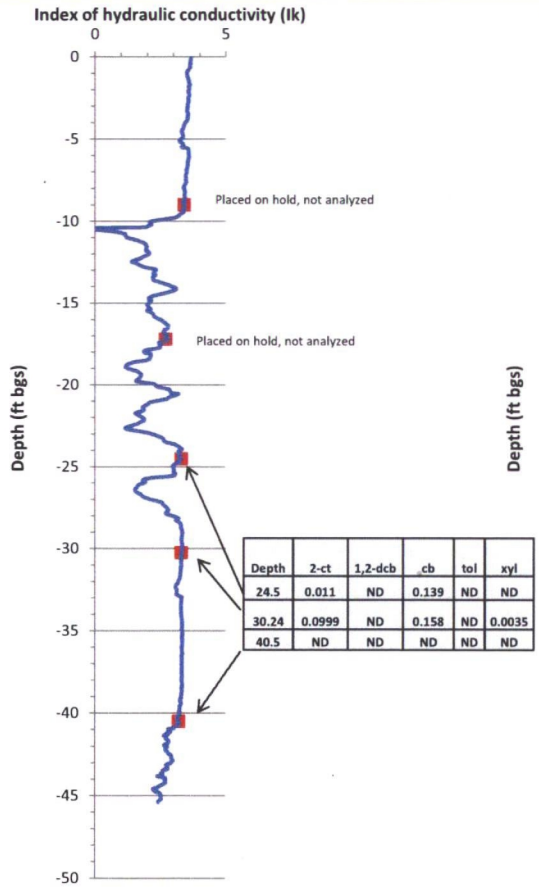
Figure 2a: Waterloo Profiling Preliminary Results – Index of Conductivity (Ik) and Sample Depth Locations

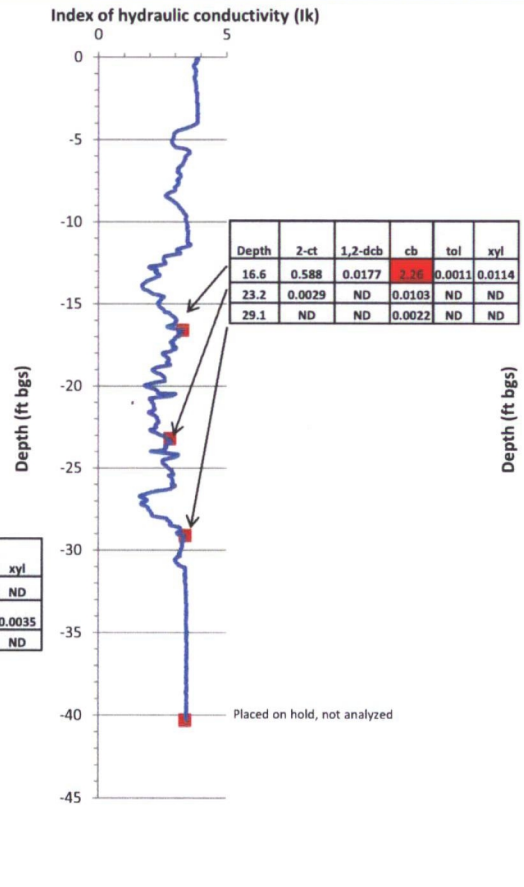
BASF Mill Street Site

WPT-01



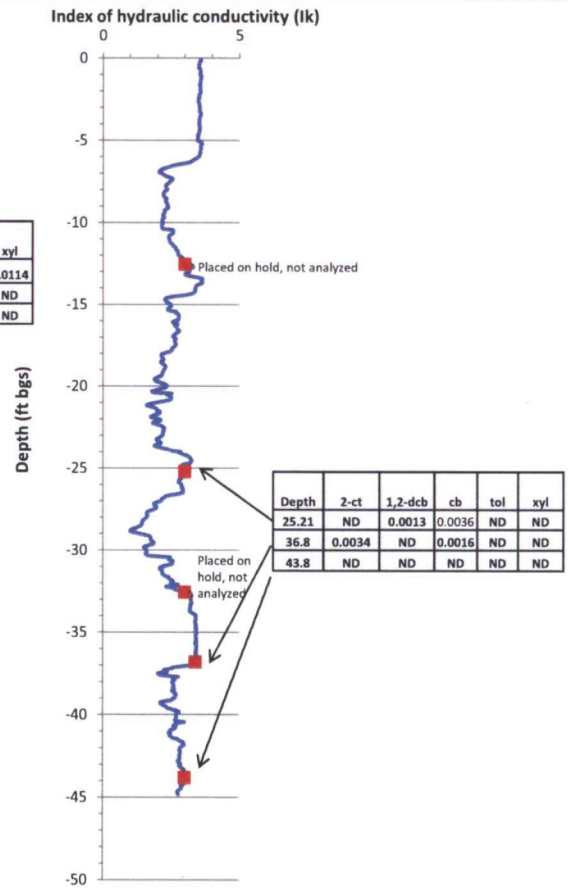
Depth	2-ct	1,2-dcb	cb	tol	xyl
24.5	0.011	ND	0.139	ND	ND
30.24	0.0999	ND	0.158	ND	0.0035
40.5	ND	ND	ND	ND	ND

WPT-02



Depth	2-ct	1,2-dcb	cb	tol	xyl
16.6	0.588	0.0177	2.26	0.0011	0.0114
23.2	0.0029	ND	0.0103	ND	ND
29.1	ND	ND	0.0022	ND	ND

WPT-03



Depth	2-ct	1,2-dcb	cb	tol	xyl
25.21	ND	0.0013	0.0036	ND	ND
36.8	0.0034	ND	0.0016	ND	ND
43.8	ND	ND	ND	ND	ND

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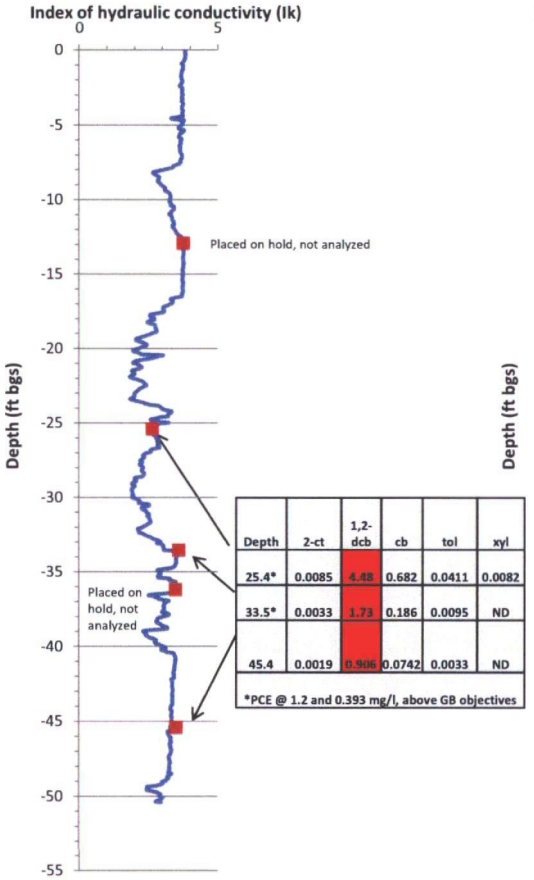
Figure 2b: Waterloo Profiling Preliminary Results – Index of Conductivity (Ik) and Sample Depth Locations

BASF Mill Street Site

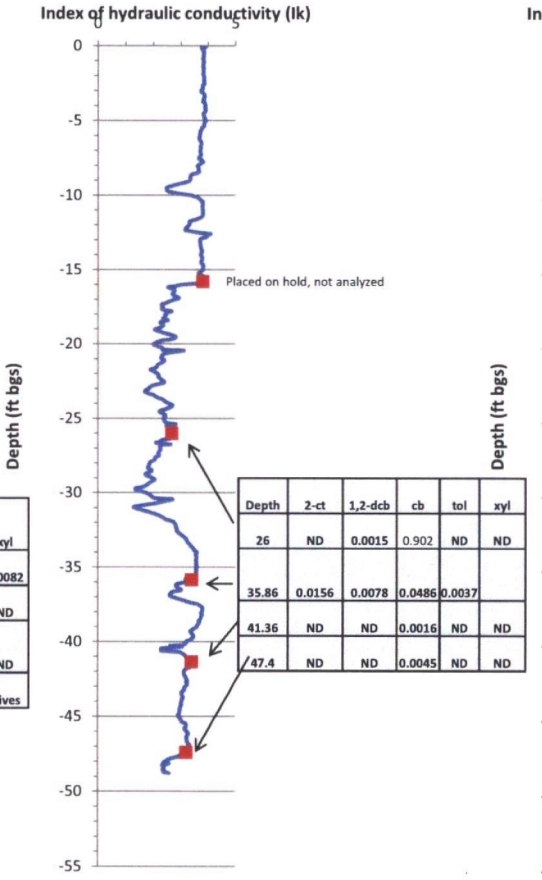
WPT-04



Depth	2-ct	1,2-dcb	cb	tol	xyl
25.4*	0.0085	4.48	0.682	0.0411	0.0082
33.5*	0.0033	1.73	0.186	0.0095	ND
45.4	0.0019	0.906	0.0742	0.0033	ND

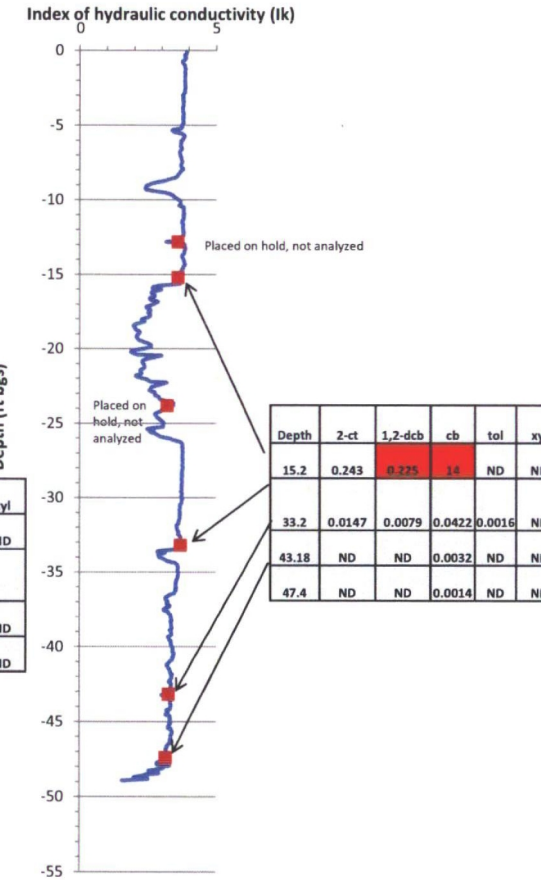
*PCE @ 1.2 and 0.393 mg/l, above GB objectives

WPT-05



Depth	2-ct	1,2-dcb	cb	tol	xyl
26	ND	0.0015	0.902	ND	ND
35.86	0.0156	0.0078	0.0486	0.0037	
41.36	ND	ND	0.0016	ND	ND
47.4	ND	ND	0.0045	ND	ND

WPT-06



Depth	2-ct	1,2-dcb	cb	tol	xyl
15.2	0.243	0.225	14	ND	ND
33.2	0.0147	0.0079	0.0422	0.0016	ND
43.18	ND	ND	0.0032	ND	ND
47.4	ND	ND	0.0014	ND	ND

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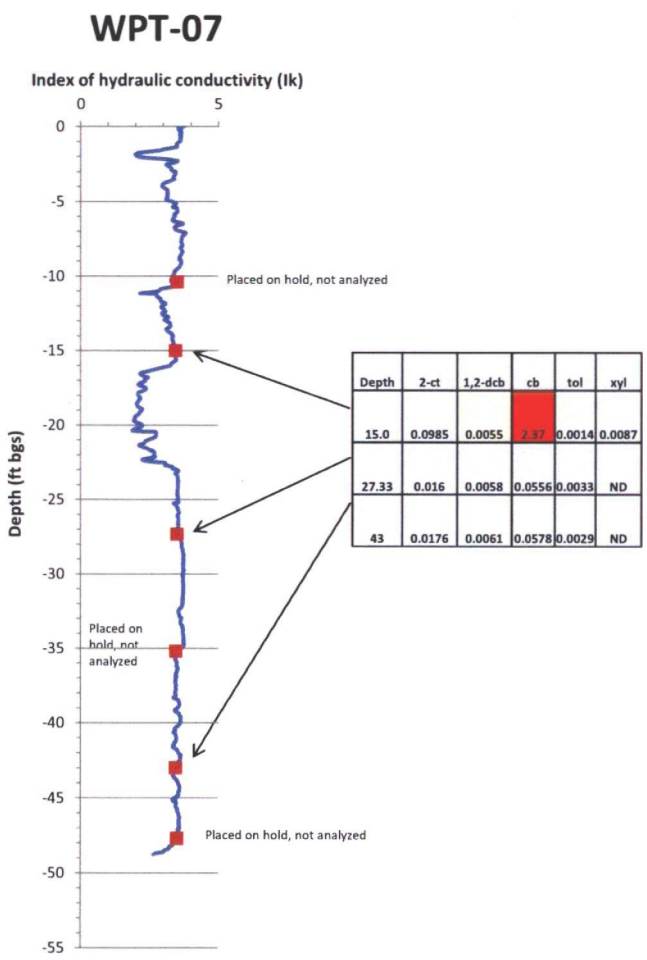
Figure 2c: Waterloo Profiling Preliminary Results – Index of Conductivity (Ik) and Sample Depth Locations

BASF Mill Street Site



Depth	2-ct	1,2-dcb	cb	tol	xyl
15.0	0.0985	0.0055	2.37	0.0014	0.0087
27.33	0.016	0.0058	0.0556	0.0033	ND
43	0.0176	0.0061	0.0578	0.0029	ND

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Figure 3: Waterloo Profiling Preliminary Results – Preliminary Transect B-B' Update

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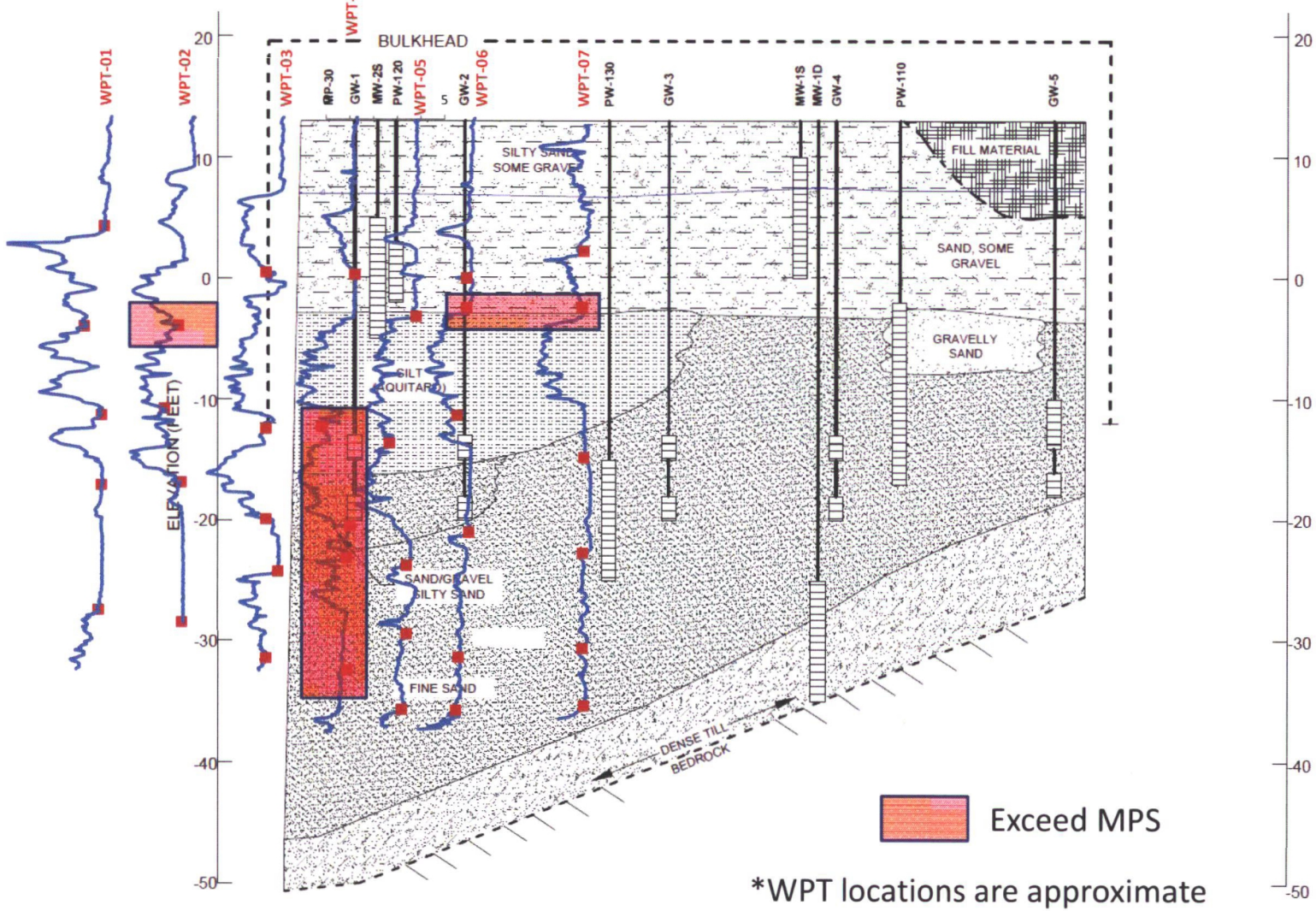

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Figure 4: Waterloo Profiling Preliminary Results – Preliminary Transect A-A' Update – Chlorobenzene

BASF Mill Street Site

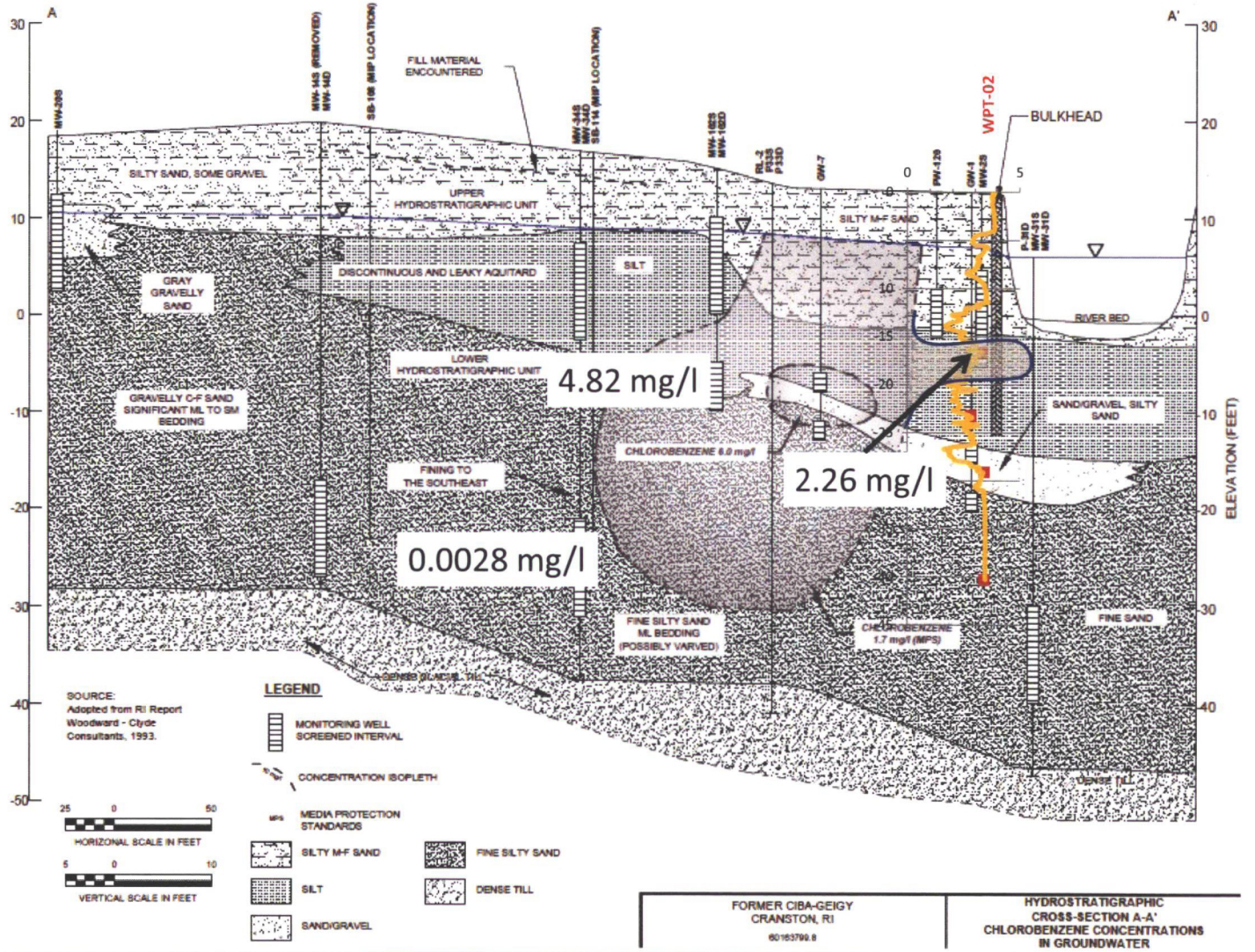

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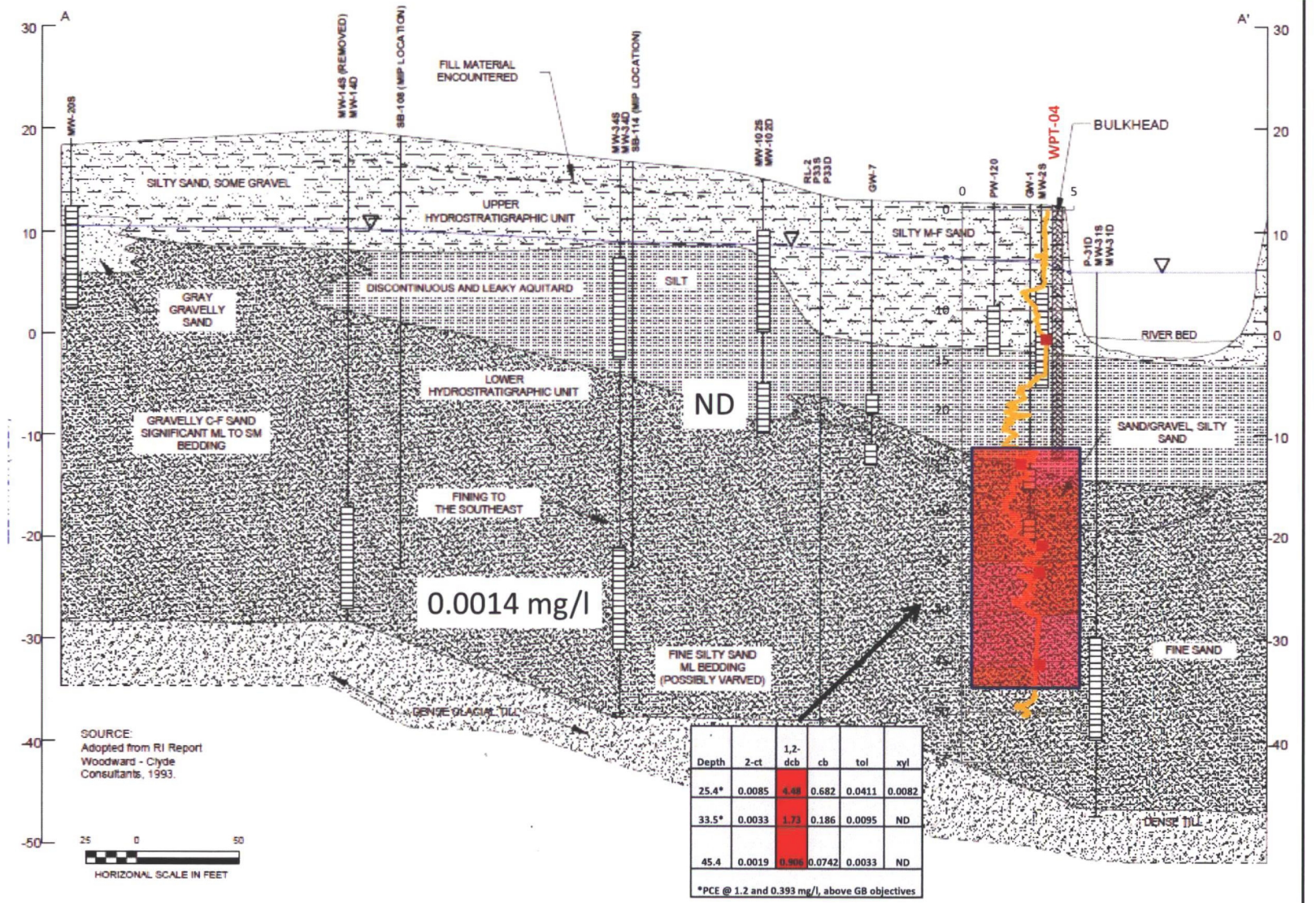
Figure 5: Waterloo Profiling Preliminary Results – Preliminary Transect A-A' – 1,2-Dichlorobenzene

BASF Mill Street Site

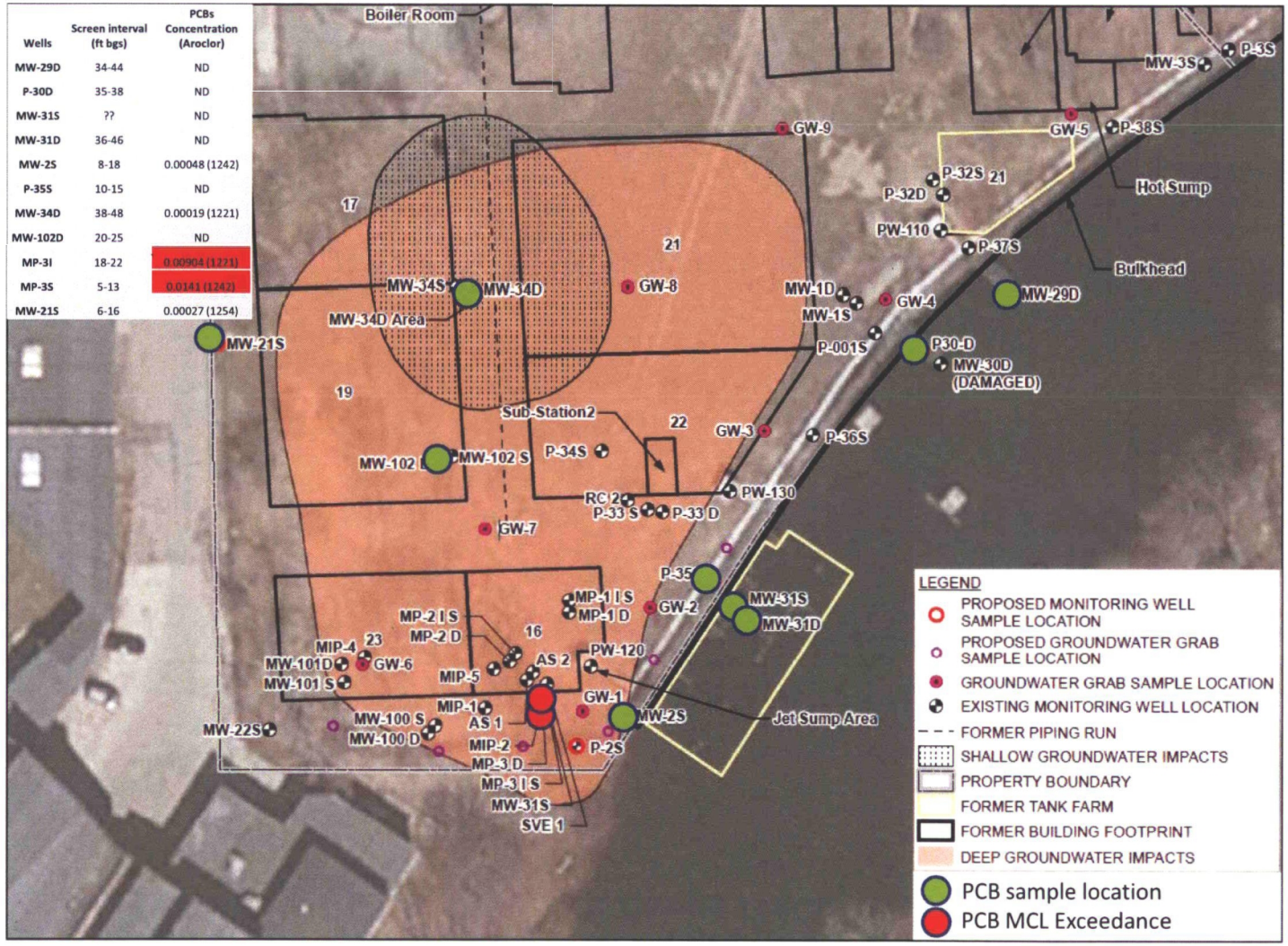


Depth	2-ct	1,2-dcb	cb	tol	xyl
25.4*	0.0085	4.48	0.682	0.0411	0.0082
33.5*	0.0033	1.73	0.186	0.0095	ND
45.4	0.0019	0.906	0.0742	0.0033	ND

*PCE @ 1.2 and 0.393 mg/l, above GB objectives

Figure 6: Results – Preliminary Plan View PCBs **BASF Mill Street Site**

Wells	Screen interval (ft bgs)	PCBs Concentration (Aroclor)
MW-29D	34-44	ND
P-30D	35-38	ND
MW-31S	??	ND
MW-31D	36-46	ND
MW-2S	8-18	0.00048 (1242)
P-35S	10-15	ND
MW-34D	38-48	0.00019 (1221)
MW-102D	20-25	ND
MP-3I	18-22	0.00904 (1221)
MP-3S	5-13	0.0141 (1242)
MW-21S	6-16	0.00027 (1254)



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